



Specification

Concerning Product:	
Article number	14783687V02
Trade name / designation / denomination	Magnesium Bisglycinat 20%, USP/EP
CAS number	14783-68-7
Other names / synonyms	•bis(glycinato-N,O)magnesium; •magnesium 2-aminoacetate;
EC number	238-852-2
Customs tariff number / CN code / TARIC	29224985
Molecular weight [g / mol]	172.42232
Formula	C ₄ H ₈ MgN ₂ O ₄

Parameter	Test Method	Specification	Unit
Organoleptic test			
Appearance		white crystalline powder	
Flavor and taste	Organoleptic	characteristic	
Odour	Organoleptic	characteristic	
Physical parameter			
Loss on drying	USP <731>	≤ 1,00	%
pH value		(10g/l) 9 – 12	
Identity			
Assay		Magnesium (on dried basis) ≥ 20	%
Identification		Correspond to standard	
Elemental Impurities			
Arsenic (As)	ICP-MS	≤ 1	ppm
Cadmium (Cd)	ICP-MS	≤ 1	ppm
Mercury (Hg)	ICP-MS	≤ 0,1	ppm
Lead (Pb)	ICP-MS	≤ 3	ppm
Microbiological data			
Escherichia Coli.	USP	Negative	
Enterobacteriaceae	USP	Negative	
Staphylococcus Aureus	USP	Negative	
Total Plate Count	USP	≤ 1000	CFU/g
Yeast and Mould	USP	(TYMC): ≤ 100	CFU/g

Particle size distribution			
Particles	Analytical sieving USP <786>	(60 mesh) ≥ 90	%

Regulatory information:

GMO statement: Non-GMO

Supplemental information:

Shelf life: 2 years from date of manufacturing

Note: Gluten Free | BSE/TSE free | Soy free | Allergen free | Vegan | WADA Compliant | GRAS

Sterilization Method: Heat || NON-IRR

Storage conditions: Store in tight, light- resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Complies with monographie: EP, USP | (Pharmacopoeia Standard: EP 11)

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 11. Mar. 2026

LF-Basis: (2026-03-10)

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